

For complete installation instructions and video, visit www.AFLglobal.com/APEX or use the QR code.



SPLICE TRAY OPTIONS AND ROUTING

Apex splice trays are universal for Loose tube, Ribbon and SWR® splicing applications. Each Apex X-2S can hold up to 6 splice trays. Each Apex X-2S splice tray holds up to 2 modules.

Ordering Information

DESCRIPTION	TRAY CAPACITY		AFL NO.
	SINGLE	MASS	
X-2S Tray loaded with one splice module	18	72	AX-TRAY-2S-1
X-2S Tray fully loaded with two splice modules (288 fibers per tray only recommended for rollable ribbon, e.g. AFL SWR)	36	288	AX-TRAY-2S-2
Additional splice module (18 single fusion triple stacked, 12 mass fusion double stacked, 6 mechanical) – Pack of 20	-	-	AX-TRAY-MOD-20
X-2S Tray Empty	-	-	AX-TRAY-2S-E

*288 fibers per tray with mass fusion double-stacking (1,728 total closure capacity) only recommended for 200 um type rollable ribbon. For 250 μm, cut capacity in half with single-stacking

Splice trays can be shipped empty, partially loaded or fully loaded and splice modules are field movable. (Figure 1)

1. To add a splice module to Apex splice tray, simply align the latch tabs. (Figure 2)
2. Slide to engage. (Figure 3)
3. To remove a splice module simply disengage the locking tabs on the back with a pair of shears and slide module to release latch. (Figure 4)
4. SWR and Loose Tube fiber is spliced using slack storage in the tray. (Figure 5)
5. Flat matrix ribbon is typically waterfall spliced; but there is room for storage if desired. (Figure 6)

⊗ *The openings between modules are designed to act as a fiber pathway if desired.*

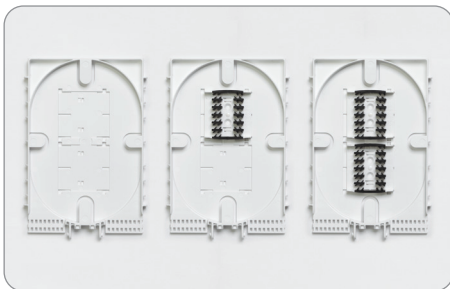


Figure 1

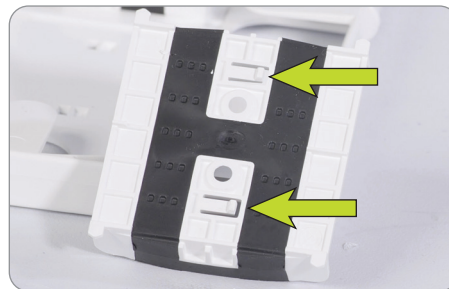


Figure 2

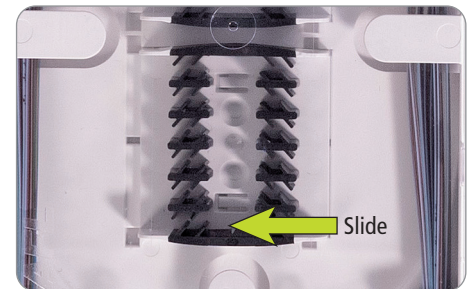


Figure 3



Figure 4

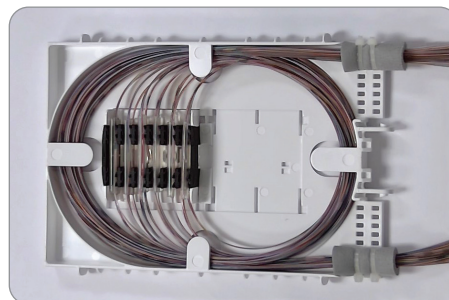


Figure 5

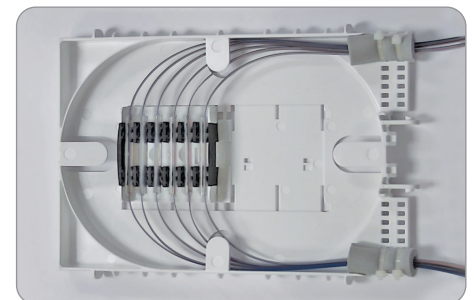


Figure 6

INSTALLING SPLICE TRAY

All types of splicing, loose tube or ribbon, can be done in the same splice tray and can coexist in the same tray if desired.

1. Splice trays should be installed from the bottom up without a gap.
2. Tubes should be attached to tray one layer at a time, bottom up to prevent trapping.
3. Install splice tray by engaging hinge pin onto yoke and rotating tray into place. (Figure 7)
4. Raise the tray to its upper locked position.
5. Release tray by depressing locking tab at the bottom center of the tray and lower into place. (Figure 8)
6. Loosely secure fiber or tubes at tray entrance.
 - Use a few wraps of electrical tape, or similar, on loose tube products. (Figure 9)
 - Two tie wraps per bundle – supplied. (Figure 9)
 - Secure with AFL foam retention. (Figure 10)
 - Transition tube. (Figure 11)
7. Begin routing to splice.
 - Each bundle of fibers will make a full loop in the tray to splice to the furthest location.
8. Once all splices are complete, address the slack behind the yoke in both open and closed positions. Adjust slack and secure both the tray and basket retention on the fibers.



Figure 7



Figure 8

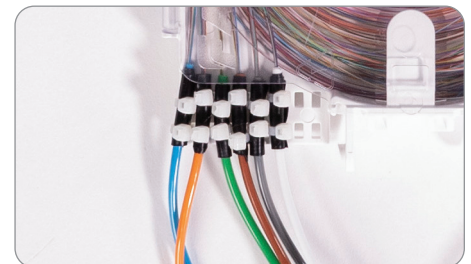


Figure 9

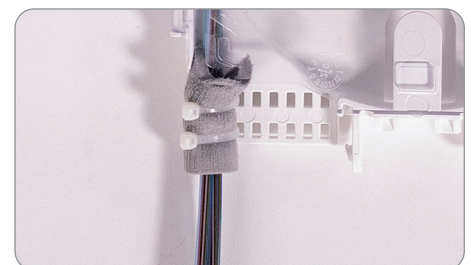


Figure 10

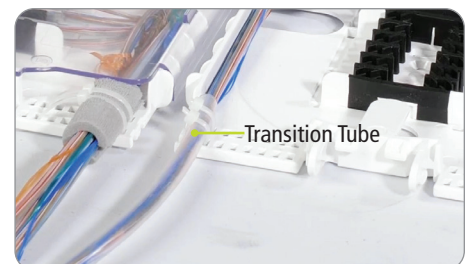


Figure 11